

PRODUCTION OF ALPHA-OLEFIN OLIGOMER

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Abstract of JP7149676

PURPOSE:To obtain a process for producing an alpha-olefin oligomer such as 1-hexene in high yield and selectivity on an industrial scale at a low cost while preventing the deposition of by-product polymer especially in auxiliary apparatuses such as reactor and distillation column and pipings, etc.
CONSTITUTION:An alpha-olefin oligomer is produced by using a chromium-based catalyst consisting of at least a combination of a chromium compound, an amine or a metal amide and an alkylaluminum compound. The reaction is carried out in a solvent in the presence of an antistatic agent inert to the catalyst component in the reaction liquid.

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